Evaluate Continuing Calibration Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072325\
Data File : VN087406.D
Acq On : 23 Jul 2025 14:57
Operator : JC\MD
Sample : VSTDICV020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN072325

Quant Time: Jul 24 05:13:17 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072325W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Jul 24 05:11:26 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	Bromochloromethane	1.000	1.000	0.0	102	0.00
2	M	Dichlorodifluoromethane	1.836	1.704	7.2	97	0.00
3	M	Chloromethane	1.823	1.665	8.7	96	0.00
4	M	Vinyl Chloride	2.009	1.942	3.3	108	0.00
5	M	Bromomethane	1.243	1.172	5.7	110	0.00
6	M	Chloroethane	1.544	1.530	0.9	102	0.00
7	M	Trichlorofluoromethane	3.417	3.229	5.5	97	0.00
8	T	Diethyl Ether	1.360	1.361	-0.1	106	0.00
9		1,1,2-Trichlorotrifluoroeth	1.811	1.711	5.5	99	0.00
10	M	1,1-Dichloroethene	1.880	1.821	3.1	106	-0.01
11		Methyl Iodide	1.372	1.085	20.9	123	0.00
12		Methyl Acetate	2.446	2.395	2.1	109	0.00
13	M	Acrolein	0.445	0.459	-3.1	132	0.00
14	M	Acrylonitrile	1.117	1.068	4.4	111	0.00
15	M	Acetone	0.394	0.401	-1.8	107	0.00
16	M	Carbon Disulfide	4.856	4.697	3.3	104	0.00
17		Allyl chloride	2.576	2.237	13.2	102	-0.01
18	M	Methylene Chloride	1.903	1.837	3.5	98	0.00
19	M	trans-1,2-Dichloroethene	1.846	1.693	8.3	99	0.00
20	T	Diisopropyl ether	6.513	5.720	12.2	104	0.00
21	M	1,1-Dichloroethane	3.479	3.339	4.0	105	0.00
22	M	cis-1,2-Dichloroethene	2.163	2.019	6.7	104	0.00
23	M	tert-Butyl Alcohol	0.383	0.399	-4.2	119	0.00
24	M	Methyl tert-Butyl Ether	6.076	5.681	6.5	107	-0.01
25	M	Chloroform	3.810	3.623	4.9	102	0.00
26		Cyclohexane	2.593	2.214	14.6	102	0.00
27	s	1,2-Dichloroethane-d4	2.474	2.517	-1.7	103	0.00
28	I	1,4-Difluorobenzene	1.000	1.000	0.0	112	0.00
29		1,1-Dichloropropene	0.512	0.426	16.8	102	0.00
30	M	2-Butanone	0.349	0.306	12.3	112	0.00
31		2,2-Dichloropropane	0.672	0.607	9.7	107	0.00
32	M	1,1,1-Trichloroethane	0.670	0.590	11.9	103	0.00
33	M	Carbon Tetrachloride	0.582	0.505	13.2	101	0.00
34	M	Benzene	1.653	1.421	14.0	104	0.00
35		Methacrylonitrile	0.367	0.300	18.3	108	0.00
36	M	1,2-Dichloroethane	0.652	0.553	15.2	98	0.00
37	M	Trichloroethene	0.377	0.321	14.9	101	0.00
38		Methylcyclohexane	0.541	0.435	19.6	106	0.00
39	M	1,2-Dichloropropane	0.415	0.353	14.9	101	0.00
40		Dibromomethane	0.321	0.275	14.3	97	0.00
41	M	Bromodichloromethane	0.638	0.559	12.4	100	0.00
42	M	Vinyl Acetate	1.181	0.964	18.4	105	0.00
43		Ethyl Acetate	0.710	0.618	13.0	104	0.00
44		Isopropyl Acetate	1.120	0.948	15.4	108	0.00
45	T	1,4-Dioxane	0.007	0.006	14.3	104	0.00
46		Methyl methacrylate	0.516	0.360	30.2#	92	0.00
47		n-amyl Acetate	0.671	0.651	3.0	140	0.02
48	M	t-1,3-Dichloropropene	0.681	0.548	19.5	102	0.00

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		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49	T	cis-1,3-Dichloropropene	0.681	0.580	14.8	101	0.00
50	M	1,1,2-Trichloroethane	0.415	0.345	16.9	97	0.00
51		Ethyl methacrylate	0.635	0.493	22.4	100	0.00
52		1,3-Dichloropropane	0.713	0.597	16.3	102	0.00
53	M	Dibromochloromethane	0.486	0.429	11.7	104	0.00
54	M	1,2-Dibromoethane	0.425	0.370	12.9	102	0.00
55	M	2-Chloroethyl vinyl ether	0.353	0.256	27.5#	79	0.00
56	M	Bromoform	0.346	0.266	23.1	97	0.00
57	I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
58	M	4-Methyl-2-Pentanone	0.734	0.685	6.7	105	0.00
59	M	2-Hexanone	0.495	0.449	9.3	105	0.00
60	S	4-Bromofluorobenzene	0.501	0.484	3.4	104	0.00
61	M	Tetrachloroethene	0.335	0.322	3.9	101	0.00
62	M	Toluene	1.827	1.651	9.6	101	0.00
63	S	Toluene-d8	1.364	1.361	0.2	101	0.00
64	M	Chlorobenzene	1.168	1.080	7.5	101	0.00
65		1,1,1,2-Tetrachloroethane	0.427	0.399	6.6	100	0.00
66	M	Ethyl Benzene	1.978	1.740	12.0	106	0.00
67	M	m/p-Xylenes	0.783	0.696	11.1	102	0.00
68	M	o-Xylene	0.751	0.662	11.9	105	0.00
69	M	Styrene	1.306	1.138	12.9	104	0.00
70		Isopropylbenzene	1.891	1.617	14.5	100	0.00
71	M	1,1,2,2-Tetrachloroethane	0.665	0.584	12.2	95	0.00
72		1,2,3-Trichloropropane	0.594	0.506	14.8	95	0.00
73		Bromobenzene	0.492	0.444	9.8	102	0.00
74		n-propylbenzene	2.388	2.036	14.7	99	0.00
75		2-Chlorotoluene	1.434	1.275	11.1	103	0.00
76		1,3,5-Trimethylbenzene	1.645	1.421	13.6	102	0.00
77		t-1,4-Dichloro-2-butene	0.238	0.169	29.0#	91	0.00
78		4-Chlorotoluene	1.530	1.307	14.6	101	0.00
79		tert-butylbenzene	1.397	1.140	18.4	101	0.00
80		1,2,4-Trimethylbenzene	1.679	1.435	14.5	101	0.00
81		sec-Butylbenzene	2.016	1.713	15.0	105	0.00
82		p-Isopropyltoluene	1.730	1.419	18.0	101	0.00
83	M	1,3-Dichlorobenzene	0.992	0.852	14.1	99	0.00
84	M	1,4-Dichlorobenzene	0.979	0.854	12.8	102	0.00
85		n-Butylbenzene	1.594	1.302	18.3	104	0.00
86	T	Hexachloroethane	0.337	0.286	15.1	102	0.00
87	M	1,2-Dichlorobenzene	0.934	0.809	13.4	100	0.00
88		1,2-Dibromo-3-Chloropropane	0.155	0.142	8.4	119	0.00
89		1,2,4-Trichlorobenzene	0.539	0.449	16.7	100	0.00
90		Hexachlorobutadiene	0.222	0.196	11.7	101	0.00
91	M	Naphthalene	1.793	1.519	15.3	111	0.00
92		1,2,3-Trichlorobenzene	0.539	0.449	16.7	100	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0